




**MINERALS PROGRAM INSPECTION REPORT**  
**PHONE: (303) 866-3567**

The Division of Reclamation, Mining and Safety conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

<b>MINE NAME:</b> Betz Borrow Pit	<b>MINE/PROSPECTING ID#:</b> M-2018-048	<b>MINERAL:</b> Borrow material	<b>COUNTY:</b> Weld
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Peter Hays	<b>INSP. DATE:</b> August 5, 2020	<b>INSP. TIME:</b> 13:00
<b>OPERATOR:</b> SEMA Construction, Inc.	<b>OPERATOR REPRESENTATIVE:</b> None	<b>TYPE OF OPERATION:</b> 111 - Construction by Government Agency	
<b>REASON FOR INSPECTION:</b> Normal I&E Program		<b>BOND CALCULATION TYPE:</b> Partial Bond	
<b>DATE OF COMPLAINT:</b> NA		<b>BOND AMOUNT:</b> \$74,925.00	
<b>POST INSP. CONTACTS:</b> None		<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Clear	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> August 17, 2020	

**GENERAL INSPECTION TOPICS**

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>N</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>N</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

Y = Inspected / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

## **OBSERVATIONS**

The Betz Borrow Pit was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) as part of the Division's monitoring inspection program. The site was previously inspected by the Division on April 4, 2019. Mr. Addison Halverson with SEMA Construction, Inc. was informed of the inspection, however was not present during the inspection. A copy of an inspection map created by the Division based on the observations from this inspection is attached for reference.

The Betz Borrow Pit 111 permit application was approved and issued by the Division on November 12, 2018. The site is approved for 29.97 total acres with 25.93 acres of planned disturbance related to the North I-25 Express Lane project. The Division holds a reclamation bond in the amount of \$74,925.00, which appears adequate to reclaim the existing disturbance at the site.

The site was inactive during the inspection, however mining operations have progressed since the last inspection. The approved Mining Plan states the site will be mined from south to north as approved under TR-01 with a maximum excavation depth of 6 feet. An average of 12 inches of topsoil will be stripped and stockpiled along the eastern permit boundary. The topsoil stockpile was observed in the southeast corner of the site during the inspection. The Division estimated the existing vertical highwalls at 5 feet in height, which is consistent with the approved Mining Plan. The pit floor was mostly dry with a few areas of ponded water at the time of the inspection. The vegetation on the topsoiled pit floor consisted of volunteered vegetation and annual weeds. The approved Mining Plan defines a 200 foot offset distance from the oil and gas well. The Operator constructed a berm to indicate the southern offset location.

The approved post-mining land use for the site is rangeland. The Operator is performing concurrent reclamation of the site. All perimeter slopes have been regraded to the approved final reclamation slope of 3H:1V, except for the highwall south of the oil and gas well offset. Topsoil was replaced to a depth of approximately 12 inches on the regraded slopes and most of the mined area as indicated on the inspection map. The mine identification sign and boundary markers were observed as required by Rule 3.1.12.

Photographs taken during the inspection are attached. If you need additional information or have any questions, please contact me at Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, by telephone at 303.866.3567 x 8124, or by email at [peter.hays@state.co.us](mailto:peter.hays@state.co.us).

### **Inspection Contact Address**

Addison Halverson  
SEMA Construction, Inc.  
7353 S Eagle St  
Centennial, CO 80112

Ec: Jared Ebert, DRMS

## PHOTOGRAPHS



Betz Borrow 111 mine sign



View of the current mining disturbance area from the northwest corner looking east





View of the current mining disturbance area from the northwest corner looking southeast



View of the boundary between the current mining area and the topsoiled mining area





View of the site from the southwest corner looking northeast








View of the site from the southeast corner looking northwest



# Betz 111 Pit

M-2018-048  
August 5, 2020 Inspection map

## Legend

-  Access Road Location
-  Betz 111 Permit Boundary
-  Current Mining Disturbance Area
-  Topsoil Replacement Area
-  Topsoil Stockpile

Access Road Location

46

Google Earth

© 2020 Google

800 ft

